

REMARKS

By this Preliminary Amendment, claims 1, 6, 7, 12 and 15 have been amended, and claims 16-56 are new. For clarification purposes, new claims 16-20 were filed with the present reissue application, and claims 21-56 are new at this time.

Any questions should be directed to Applicant's below-signed representative. Attached is a version showing the changes made to the amended claims.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE CLAIMS:

1. (Amended) A video storage and display system, comprising:
one or more [a plurality of] video cameras, each outputting a signal representative of a video image;
means to receive the signals from each camera and digitally compress the images;
two forms of high-capacity storage media, one being randomly searchable while the other continues to store the digitally compressed image; and
a computer configured to receive the digitally compressed images, the computer being interfaced to the following devices:
a display screen,
means to receive externally derived operator commands, and
the high-capacity storage media, and wherein the computer is programmed to perform the following functions:
display the digitally compressed images from the cameras in different windows on the display screen, each window being associated with an update rate and dimensions in pixels,
vary the dimensions and the rate at which a particular image is updated in its window in accordance with one of the externally derived commands,
store the digitally compressed images in the high-capacity storage medium, and
vary the dimensions and the rate at which a particular image is stored in accordance with one of the externally derived commands.

6. (Amended) The video storage and display system of claim 1, wherein one or both of the high-capacity storage [medium] media comprises a magnetic tape.

7. (Amended) The video storage and display system of claim 1, wherein one or both of the high-capacity storage [medium] media comprises a magnetic disk.

12. (Amended) The method of simultaneously displaying and storing multiple video images, comprising the steps of:

receiving video images from [a plurality of] one or more sources;

digitizing one or more of the images if not already in digital form;

displaying at least certain of the digitized images in separate windows on a display device, using a first set of temporal and spatial parameters associated with each image in each window; and

simultaneously storing the displayed images using a second set of temporal and spatial parameters associated with each image.

15. (Amended) A video storage and display system, comprising:

[a plurality of] one or more video cameras, each outputting a signal representative of a video image;

means to receive the signals from each camera and digitally compress the images; and

a computer configured to receive the digitally compressed images, the computer being interfaced to the following devices:

a display screen,

means to receive externally derived operator commands including means for sensing a deviation from the normal-state image scene associated with at least one of the video cameras, the existence of the deviation being used as the basis for generating an externally derived command, and

a high-capacity storage medium, and programmed to perform the following functions:

display the digitally compressed images from the cameras in different windows on the display screen, each window being associated with an update rate and dimensions in pixels,

vary the dimensions and the rate at which a particular image is updated in its window in accordance with one of the externally derived commands,

store the digitally compressed images in the high-capacity storage medium, and

vary the dimensions and the rate at which a particular image is stored in accordance with one of the externally derived commands.